

<b>ITEM 686.7018M</b>	<b>MAST ARM (STREET LIGHT) 1.8m LENGTH</b>
<b>ITEM 686.7024M</b>	<b>MAST ARM (STREET LIGHT) 2.4m LENGTH</b>
<b>ITEM 686.7030M</b>	<b>MAST ARM (STREET LIGHT) 3.0m LENGTH</b>
<b>ITEM 686.7037M</b>	<b>MAST ARM (STREET LIGHT) 3.7m LENGTH</b>
<b>ITEM 686.7043M</b>	<b>MAST ARM (STREET LIGHT) 4.3m LENGTH</b>
<b>ITEM 686.7049M</b>	<b>MAST ARM (STREET LIGHT) 4.9m LENGTH</b>

### **DESCRIPTION**

Under this item the CONTRACTOR shall furnish and install galvanized steel street light mast arms as shown on the plans and/or ordered by the ENGINEER.

### **MATERIAL AND METHOD**

The mast arm shall be a 51 mm pipe truss type, up curved, for 2 bolt mounting on steel poles. The arm shall consist of an upper and lower member joined by vertical struts. The upper and lower members shall be standard steel pipe 51 mm I.P.S. Schedule 40. Design shall be up curved with a rise of 0.9 m +/- 152 mm and spread of 3.0 meters to 4.9 meters as indicated on the plans. Luminaire end shall be arranged for a 51 mm slipfitter luminaire with a 102 mm minimum straight section. The members at the pole end shall be equipped with 2 bolt self supporting steel hook type attachments, dimensions and drilling shall conform to the special details. Arm wiring opening shall be 51 mm diameter and provide a smooth raceway for internal wiring. Assembly to be hot dipped galvanized in accordance with applicable specification for zinc coatings (ASTM A123-53 & A153-53). Furnish 4 Hex. Head plated cap screws 13mm 13 UNC x 38 mm with .875 O.D. plated steel 13 mm flat washers per arm.

### **MEASUREMENT AND PAYMENT**

Payment for the galvanized street lighting mast arm will be made at the unit price bid for each unit.

The quantity payment shall be the number of units erected including bolts, brackets, and etc. in accordance with the plans and/or as directed by the ENGINEER.

Payment will be made under:

<b><u>Item No.</u></b>	<b><u>Item</u></b>	<b><u>Pay Unit</u></b>
686.7018M	Mast Arm (Street Light) 1.8m Length	EA
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